AMENDMENTS TO THE CLAIMS

1. (Original) A combination camera and loudspeaker comprising:

a lens for selectively capturing and manipulating an image; and

a loudspeaker assembly disposed proximate the lens for projecting audible sounds, said loudspeaker assembly comprising:

a speaker coil disposed around at least a portion of an outer perimeter of the lens; and

a transparent diaphragm connected to the speaker coil and aligned with at least a portion of the lens.

2. (Currently Amended) The combination camera and loudspeaker of claim 1 further comprising a controller connected to the loudspeaker assembly for selectively controlling optical properties of the transparent diaphragm to selectively set a focal length of the camera.

3. (Currently Amended) The combination camera and loudspeaker of claim 2 wherein the controller selectively sets the focal length of the camera by selectively varying a distance between ~~moves~~ the transparent diaphragm and ~~relative to~~ the lens.

4. (Currently Amended) The combination camera and loudspeaker of claim 2 wherein the controller selectively sets the focal length of the camera by modifying ~~modifies~~ a radius of curvature of the transparent diaphragm.

5. (Currently Amended) The combination camera and loudspeaker of claim 1 wherein the transparent diaphragm comprises polyethylene ~~polyethylene~~ naphthalate (PEN) or polyethylene ~~polyethylene~~ terephthalate (PET) plastic.

6. (Original) The combination camera and loudspeaker of claim 1 wherein the transparent diaphragm is constructed of a transparent material with a thickness comprising between 10 μm and 50 μm.

7. (Original) The combination camera and loudspeaker of claim 6 wherein the transparent diaphragm is constructed of a transparent material with a thickness comprising approximately 20 μm.

8. (Original) The combination camera and loudspeaker of claim 1 wherein the combination camera and loudspeaker is disposed within a mobile device.

9. (Original) The combination camera and loudspeaker of claim 8 wherein the mobile device comprises a cellular telephone.

10. (Currently Amended) A method of manipulating an image with a camera assembly comprising a camera with a lens and a loudspeaker with a transparent diaphragm, the method comprising:

aligning the transparent diaphragm with at least a portion of the lens; and

selectively controlling optical properties of the transparent diaphragm to selectively set a focal length of the camera ~~to manipulate the image~~.

11. (Currently Amended) The method of claim 10 wherein selectively controlling the optical properties of the transparent diaphragm comprises selectively varying a distance between

~~moving~~ the transparent diaphragm and ~~relative to~~ the lens to selectively set the focal length of the camera ~~to manipulate the image~~.

12. (Currently Amended) The method of claim 10 wherein selectively controlling the optical properties of the transparent diaphragm comprises selectively modifying a radius of curvature of the transparent diaphragm to selectively set the focal length of the camera ~~to manipulate the image~~.

13. (Currently Amended) The method of claim 10 wherein aligning the transparent diaphragm with at least a portion of the lens comprises aligning a polyethylene ~~polyethylene~~ naphthalate (PEN) plastic, polyethylene ~~polyethylene~~ terephthalate (PET) plastic, or a piezo-electric material with at least a portion of the lens.

14. (Currently Amended) The method of claim 10 wherein selectively controlling optical properties of the transparent diaphragm comprises applying a predetermined control signal to the transparent diaphragm to selectively set the focal length of the camera ~~to manipulate the image~~.

15. (Original) A camera assembly comprising:

a lens for selectively manipulating an image;

a loudspeaker comprising a transparent diaphragm aligned with at least a portion of the lens; and

a controller for selectively controlling optical properties of the transparent diaphragm to enable the transparent diaphragm to further manipulate the image.

16. (Original) The camera assembly of claim 15 wherein the loudspeaker further comprises a speaker coil disposed around at least a portion of a perimeter of the lens and connected to the transparent diaphragm for generating audible signals to be projected by the transparent diaphragm.

17. (Currently Amended) The camera assembly of claim 15 wherein the controller selectively varies a distance between ~~moves the~~ the transparent diaphragm and ~~relative to the~~ the lens to enable the transparent diaphragm to further manipulate the image.

18. (Currently Amended) The camera assembly of claim 15 wherein the controller selectively controls the optical properties of the transparent diaphragm by selectively modifying a radius of curvature of the transparent diaphragm to selectively set a focal length of the camera assembly.

19. (Currently Amended) The camera assembly of claim 15 wherein the transparent diaphragm is constructed of polyethylene ~~polyethylene~~ naphthalate (PEN) plastic, polyethylene ~~polyethylene~~ terephthalate (PET) plastic, or a piezo-electric material.

20. (Original) The camera assembly of claim 15 wherein the transparent diaphragm is constructed of a transparent material with a thickness comprising between 10 μm and 50 μm.

21. (Original) The camera assembly of claim 20 wherein the transparent diaphragm is constructed of a transparent material with a thickness comprising approximately 20 μm.

22. (Original) The camera assembly of claim 15 further comprising a protective panel disposed across at least a portion of the lens and the loudspeaker.

23. (Original) The camera assembly of claim 22 wherein the protective panel is constructed of a transparent material permanently disposed across at least a portion of the lens and the loudspeaker.

24. (Original) The camera assembly of claim 22 wherein the protective panel comprises a movable panel that covers at least a portion of the camera assembly in a first position and exposes at least a portion of the camera assembly in a second position.

25. (Original) The camera assembly of claim 24 wherein the protective panel comprises a rigid panel slidably connected to the camera assembly and movable between the first and second positions.

26. (Original) The camera assembly of claim 15 wherein the camera assembly is disposed within a mobile device.

27. (Original) The camera assembly of claim 26 wherein the mobile device comprises a cellular telephone.

28. (Original) A method of capturing an image with a camera comprising transmitting light through a transparent diaphragm of a speaker to an adjacent lens of the camera.

29. (Currently Amended) The method of claim 28 further comprising selectively controlling optical properties of the camera with a speaker controller to selectively set a focal length of the camera.

30. (Currently Amended) The method of claim 29 wherein selectively controlling the optical properties of the camera comprises applying a control signal from the speaker controller to the speaker to selectively vary a distance between ~~moving~~ the transparent diaphragm and ~~relative to~~ the lens ~~by applying a control signal from the speaker controller to the speaker~~.

31. (Currently Amended) The method of claim 29 wherein selectively controlling the optical properties of the camera comprises selectively modifying a radius of curvature of the transparent diaphragm by applying a control signal from the speaker controller to the speaker to selectively set a focal length of the camera.

32. (Currently Amended) The method of claim 28 wherein transmitting light through the transparent diaphragm of the speaker to the adjacent lens of the camera comprises transmitting light through polyethylene ~~polyethylene~~ naphthalate (PEN) plastic, polyethylene ~~polyethylene~~ terephthalate (PET) plastic, or a piezo-electric material.